

FORM PTO-1449
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A3-143 US

SERIAL NO.

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT
Data et al.

FILING DATE

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JH</i>	AA	4,897,055	01/30/1990	Jurista et al.	439	924	
	AB	5,176,528	01/05/1993	Fry et al.	439	181	
	AC	5,582,519	12/10/1996	Buchter	439	101	
	AD	5,591,039	01/07/97	Matthewes	439	181	
	AE	5,676,571	10/14/1997	Matthews	439	843	
	AF	6,283,774	09/04/2001	Funatsu	439	181	
	AG	6,382,998	05/07/2002	Miwa	439	181	
	AH	6,390,839	05/21/2002	Miwa	439	181	
	AI	6,394,818	05/28/2002	Smalley, Jr.	439	79	
	AJ	6,478,593	11/12/2002	Miwa	439	181	
	AK	6,488,549	12/03/2002	Weller et al.	439	856	
	AL	2003/0027447 A1	02/06/2003	Cooper	—	—	
	AM	2003/0049957 A1	03/13/2003	Kikuchi et al.	—	—	
	AN	6,537,091	03/25/2003	Hirai et al.	439	181	
<i>JH</i>	AO	6,537,092	03/25/2003	Hirai et al.	439	181	
	AP						
	AQ						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AR							
	AS							
	AT							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AU						
	AV						

*Felix O. Figueiroa**12/08/03*